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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.							
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				4							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND		WIND		WIND		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		DRY BULB		RH		Pressure		BOTTOM DEPTH	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8		11 27 00		13 00		3.5		89		1006		130	
		N		W				°C		%		(mb)		(m)	
		16 50 8													

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.													
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				11													
CONC CAST #	LATITUDE			LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID							
	DEG	MIN	SEC	DEG	MIN	SEC									HR	MIN	SEC	(°C)	(%)	(mb)	(deg)
01	54	59	16	N	165	17	06	W	08	APR	15	01	47	4	1	89	100	42	46	16	UBN5
WEATHER OBS: _____ REMARKS: _____ SFC/Bottom Temp. _____ MAX. DEPTH = 110 m																					
Recorder Initials: <b>PP</b>																					

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.										
Oscar Dyson		DY1504		DY1504		FOCI Spring Mooring Cruise		13										
CONSC	CASE #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID				
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)					
013545	1.92	N	16540.00	28	APR	15	04	16.85	100	42.48	17	143	UBN3					
SBE 9+		FLUOR S/N		WEATHER OBS:		SFC/BOTTOM Temp.		MAX DEPTH = 135 m										
PRESS SN		SBE43-Oxy (prime)		REMARKS:														
PRI TEMP SN		SBE43-Oxy (sec)																
SEC TEMP SN		Transmissometer																
PRI COND SN		PAR S/N																
SEC COND SN		O2 Temp Sensor No.																
Recorder Initials: <i>PPD</i>																		

  

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments	
DEPTH	DESIRE	SALT	Nut.Btl	O2-Btl	No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	No.
1 Bot	88	89	90	91	92	93	94	95	96	97	98
2 100	88	89	90	91	92	93	94	95	96	97	98
3 25	88	89	90	91	92	93	94	95	96	97	98
4 50	88	89	90	91	92	93	94	95	96	97	98
5 40	88	89	90	91	92	93	94	95	96	97	98
6 30	88	89	90	91	92	93	94	95	96	97	98
7 20	88	89	90	91	92	93	94	95	96	97	98
8 10	88	89	90	91	92	93	94	95	96	97	98
9 0	88	89	90	91	92	93	94	95	96	97	98
10	88	89	90	91	92	93	94	95	96	97	98
11	88	89	90	91	92	93	94	95	96	97	98
12	88	89	90	91	92	93	94	95	96	97	98
1	88	89	90	91	92	93	94	95	96	97	98

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.								
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				19								
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN	WIND SPD	BOTTOM DEPTH	STA. NAME/ID
01954	21	69	N	165	56	28	APR	21	51432	4.3	80	1000	163	13	475	UB601
WEATHER OBS: SFC/Bottom Temp. 5/395 MAX DEPTH = 459 m REMARKS: STILL SHIP HEAVES																
SBE 9+ _____ PRESS SN _____ PRI TEMP SN _____ SEC TEMP SN _____ PRI COND SN _____ SEC COND SN _____ FLUOR S/N _____ SBE43-Oxy (prime) _____ SBE43-Oxy (sec) _____ Transisometer _____ PAR S/N _____ O2 Tmp Sensor No. _____																
SAMS																
Recorder Initials:																

  

Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		Chloro		POC	Comments	Nis No.
		SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	GFF Dup Vol >10 dup vol			
1	200		150	X164						1
2	300		157							2
3	200		152							3
4	100		153							4
5	75		154							5
6	50		155			283				6
7	40		156			285				7
8	30		157			289				8
9	20		158			283				9
10	10		159			279				10
11	0		160			283				11
12										12
1		Inline	X13	17:07		283	17:08			1

chlor - 1.63

SAL - 31.7033

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.									
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				20									
CONSC CAST #	DEG	MIN	LONGITUDE		DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
020	54	03.57	N	167	03.74	W	29	APR	15	1516	3.5	87	1000	263	13	994	140LP-1A
SBE 9+		FLUOR S/N		SFC/Bottom Temp.		4.9		13.0		MAX DEPTH =		983		m			
PRESS SN		SBE43-Oxy (prime)		REMARKS:		some obs have but 4.9 cdm		140LP-1A RECOVERY									
PRI TEMP SN		SBE43-Oxy (sec)															
SEC TEMP SN		Transmissometer															
PRI COND SN		PAR S/N															
SEC COND SN		O2 Tmp Sensor No.															
- PAR REMOVED																	
which stopped @ 270m - loud noise Smin lost into																	
oil pumps to shore																	
Recorder Initials:																	

  

Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC	Phy	Comments	Nis No.
1	35M	x14		161	x179										983m	1
2	500			162	x190											2
3	280			163	x212											3
4	150	triple o2		164	x249										oxy on 20m	4
5	100			165												5
6	50			166												6
7	40			167												7
8	30			168												8
9	20			169												9
10	10			170												10
11	0			171												11
12																12
1		Inline	x15		4/28/15			288		4/28/15	19.14					1

chlor - 1.91

19.13

sal = 32.3764

VESSEL Oscar Dyson		CRUISE ID DY1504		PROJECT & LEG FOCI Spring Mooring Cruise		CTD File Name:		STATION NO. 21															
CONC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN. (deg)		WIND SPD. (kts)		BOTTOM DEPTH		STA. NAME/ID			
02156		52.07 N		164 04.14 W		2218		3.8		80		10.11		245		58		72		B52			
SBE 9+		FLUOR S/N		DAY		MO		APR 15		HR		MIN		°C		%		(mb)		(deg)		(kts)	
PRESS SN		SBE43-Oxy (prime)		22		18		3.8		80		10.11		245		58		72		B52		MAX DEPTH = 67 m	
PRI TEMP SN		SBE43-Oxy (sec)		22		18		3.8		80		10.11		245		58		72		B52		SFC/Bottom Temp.	
SEC TEMP SN		Transmissometer		22		18		3.8		80		10.11		245		58		72		B52		REMARKS:	
PRI COND SN		PAR S/N		22		18		3.8		80		10.11		245		58		72		B52		Og - 224, 233, 243 this order	
SEC COND SN		O2 Temp Sensor No.		22		18		3.8		80		10.11		245		58		72		B52		M2 Recovery Cast	

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL		Chloro	UAF NUTS		POC	Comments	Nis No.
			SALT	Nut Btl		O2-Btl No	DIC/Alk			
1	BTM									1
2	BTM			172		224, 233, 243	XXX			2
3	50			173		283	X			3
4	40			174		283	X			4
5	30			175		289	X			5
6	20			176		283	X			6
7	13						XXX			7
8	11					288	X no DIC sample	forgot to take		8
9	11			177		279				9
10	11					279				10
11	0			178		283	X			11
12										12
1	UW									1

Salinity Tmo = 4/30/15 23:11 S = 31.8962 Chloro Counts 84 Temp = 4.2002  
56.52, 394 164 03.570 mg/l 0.4

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.						
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				25						
CONC	CASE #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
		DEG	MIN	DEG	MIN	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
	0205640.33 N		16351.81 W		1511	13	53	2.6	85	1015	239	6	76	M25
SBE 9+		FLUOR S/N		WEATHER OBS:		SFC Bottom Temp.		MAX DEPTH =						
PRESS SN		SBE43-Oxy (prime)		REMARKS:		413.4								
PRI TEMP SN		SBE43-Oxy (sec)												
SEC TEMP SN		Transmissometer												
PRI COND SN		PAR S/N												
SEC COND SN		O2 Temp Sensor No.												
<p>NOISE @ sec 800 started at when started (200)</p> <p>jelly between 30-20m on pass 1 (200)</p>														
Recorder Initials: SB														

  

Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments	Nis No.
		SALT	Nut.Rtl	O2-Rtl	DIC/Alk	GFF Vol	GFF Dup Vol	>10 dup vol	500 ml		
1	BTM	X19	207	X278							1
2	50		208			283					2
3	40		209			285					3
4	30		210			289					4
5	20		211			283					5
6	10		212			279					6
7	0		213			283					7
8											8
9											9
10											10
11											11
12											12
1		Inline	X20	5/01/19	15:36	283	5/01/19	15:37			1

sal = 31.8945 chlor = 1.47

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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.												
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				28												
CONSC CAST #	DEG	MIN	LONGITUDE		DEG	MIN	DAY	MO	YR	TIME (GMT)	HR	MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID	
02956	54	57	164	49	56	W	02	MAY	15	08	23	3	7	81	10	18	71	0.1	72	70M4
WEATHER OBS: SFC/BOTTOM Temp. 413 REMARKS: 2nd sal/oz bed on sfc lots of Jellies C. 10m on upcast - noisy sct and large web spk										Recorder Initials:										
SBE 9+ <input type="checkbox"/> FLUOR S/N <input type="checkbox"/> PRESS SN <input type="checkbox"/> SBE43-Oxy (prime) <input type="checkbox"/> PRI TEMP SN <input type="checkbox"/> SBE43-Oxy (sec) <input type="checkbox"/> SEC TEMP SN <input type="checkbox"/> Transmissometer <input type="checkbox"/> PRI COND SN <input type="checkbox"/> PAR S/N <input type="checkbox"/> SEC COND SN <input type="checkbox"/> O2 Temp Sensor No. <input type="checkbox"/>										MAX. DEPTH = 66.5 m										

  

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments		Nis	
No.	DEPTH DESIRED	SALT	Nut.Btl	O2-Btl	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml		No.	
1	BTM		230									1	
2	80		231			283						2	
3	40		232			285						3	
4	30		233			289						4	
5	20		234			283						5	
6	10		235			279						6	
7	0		236			283						7	
8												8	
9												9	
10												10	
11												11	
12												12	
1												1	

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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.											
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				32											
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN (deg)	WIND SPD (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
03357	15	76	N	16	54	W	02	MAY	15	13	32	3.0	84	10	19	25	6	70	70M8
SBE 9+	WEATHER OBS: SFC/BOTTOM Temp.																		
PRESS SN	REMARKS: 2ndary reeds low at surface - corrects by 10m																		
PRI TEMP SN	odd spike in Cat around 12m on both channels																		
SEC TEMP SN																			
PRI COND SN																			
SEC COND SN																			

  

Nis		Rosette Notes		SALT		Nut.BRI		Hydro Team-PMEL		Chloro		GFF Vol		GFF Dup Vol		POC		Comments		Nis	
No.	DEPTH DESIRED																			No.	
1	BTM					258														1	
2	60					259														2	
3	40					260														3	
4	30					261														4	
5	20					262														5	
6	10					263														6	
7	0					264														7	
8																				8	
9																				9	
10																				10	
11																				11	
12																				12	
1																				1	

Recorder Initials:

Inline x24 13:81 5/2/15 283 - 5/2/15 13:33 Chlor - 1.55

Dun 3 CTD sal - 31.9845

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.						
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				34						
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
035	19	27	N	16	41	9	1604	2.6	90	1019	316	3	70.7	BM10
FLUOR S/N							WEATHER OBS:							
SBE 9+							SFC/Bottom Temp.							
PRESS SN							REMARKS: 2nd Sample 102 @ see how large what which							
PRI TEMP SN							corrects on bottom at 51 SM							
SEC TEMP SN														
PRI COND SN														
SEC COND SN														
O2 Trp Sensor No.														
Recorder Initials:														
34														

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.						
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				35						
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
030	57	26	00	16	30	89	1725	2.7	85	1020	335	5	70	70M11
WEATHER OBS: cdm SFC/Bottom Temp. 2.6/1.9 MAX. DEPTH = 63 m REMARKS: - cleared bleed valve on 2nd prior to cast - looks like a chemical problem now @ site - no siver on speed above 20m still - color in lines when on deck, will change out bleed valve														

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments	
No.	DEPTH DESIRED	SALT	Nut.Btl	O2-Btl.No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	No.
1	30m		279			283					1
2	60		280			285					2
3	40		281			289					3
4	30		282			285					4
5	20		283			279					5
6	10		284			283					6
7	0	226	285			283					7
8											8
9											9
10											10
11											11
12											12
1											1

Recorder Initials:

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.		
Oscar Dyson	DY1504	FOCI Spring Mooring Cruise		30		
CONSC CAST #	LATITUDE DEG MIN SEC	LONGITUDE DEG MIN SEC	TIME (GMT) HR MIN	DRY BULB RH (%) WIND DIRN (deg) WIND SPD (kts)	BOTTOM DEPTH STA NAME / ID (m)	
037572S.74N	16648.70W	02MAN	151835	2.8 85-10203334	70 70M12	
SBE 9+	FLUOR S/N		WEATHER OBS:	SFC/Bottom Temp.	MAX DEPTH = 67.8 m	
PRESS SN	SBE43-Oxy (prime)		REMARKS:	- drygo bleed valve , seems better		
PRI TEMP SN	SBE43-Oxy (sec)					
SEC TEMP SN	Transmissometer					
PRI COND SN	PAR S/N					
SEC COND SN	O2 Tmp Sensor No.					
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PREL Nut.Btl O2-Btl.No DIC/AIK	Chloro GFF Vol GFF Dup Vol >10 Large Vol >10 dup vol POC 500 ml Comments NIS No.	
1 BTM	286	x322	287	288 289 290 291 292	283 285 289 283 279 283	1 2 3 4 5 6 7 8 9 10 11 12
2 80						
3 40						
4 30						
5 20						
6 10						
7 0						
8						
9						
10						
11						
12						
I		Inline				I

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VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.													
NOAAS Oscar Dyson		DY1405		DY1504		40													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIR	WIND SPD.	CLOUD (m)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	(deg)	(kts)	*	*	(m)		
04	15	730	05	N	16	759	23	W	02	M	A	Y	1	52	33	9	2	72	70M16
REMARKS																			
SBE 9+ _____ PRESS SN _____ PRI TEMP SN _____ SEC TEMP SN _____ TRANSMITTER SN _____ PAR SN _____ SEC COND SN _____																			
FLUOR SN _____ SBE43-Oxy (primo) _____ SBE43-Oxy (sec) _____ TRANSMITTER SN _____ PAR SN _____ SEC COND SN _____																			
MAX. DEPTH = 67 m																			

Nls No.	Hydro Temp-PHEL				Chloro-I	Comments
	SALT	Nut.Bt	O2-Btl.No			
1	314					
2	315					
3	316					
4	317					
5	318					
6	319					
7	320	091				
8						
9						
10						
11						
12						

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAAS Oscar Dyson		DY1504		Eco-FOCI Spring Mooring Cruise		43	
CONSEC #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	SEC
0445739	29 N	16	9	00 W	92	03	W
TIME (GMT)		HR	MIN	SEC	REMARKS		
50357		5	03	57	M4 Box		
RELATIVE HUMIDITY (%)	DRY BULB (°C)	WIND DIR (deg)	WIND SPD (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)
37	3	065	10				70
MAX DEPTH = 65 m							
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN							
FLUOR S/N SBE43-Oxy (prime) SBE43-Oxy (sec) Transmissometer PAR S/N							
Hydro Team-PHEL SALT Nit.Btl O2-Btl No							
Rosette Notes BTM 65m 335 336 337 338 339 340 341 30							
No	DEPTH	DESIRE	Chloro-l	Comments			
1	BTM	65m	283				
2	50		285				
3	40		289				
4	30		283				
5	20		279				
6	10		283				
7	0						
8							
9							
10							
11							
12							



VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.																																																																																																																																																																																																																									
NOAA Oscar Dyson		DY1504		Eco-FOCI Spring Mooring Cruise		45																																																																																																																																																																																																																									
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	Relative Humidity	PRESSURE	SEA STATE	VISIBILITY	WIND DIR	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID																																																																																																																																																																																																																
0465749.87	16° 53' N	52° 03' W	03 MAY 11	0915	0.9	88%	23.3 (mb)		100	6				7270M	M4																																																																																																																																																																																																																
REMARKS: calm clear skies - cold																																																																																																																																																																																																																															
SPEC - 1.80																																																																																																																																																																																																																															
M4 BOX																																																																																																																																																																																																																															
lots of chlor a - top 10m - algae in Colvet																																																																																																																																																																																																																															
MAX. DEPTH = 65.5 m																																																																																																																																																																																																																															
<div> <div> <div>FLUOR S/N</div> <div>SBE 43-Oxy (primary)</div> <div>SBE 43-Oxy (sec)</div> <div>Transmissometer</div> <div>PAR S/N</div> </div> <div> <div>FLUOR S/N</div> <div>SBE 43-Oxy (primary)</div> <div>SBE 43-Oxy (sec)</div> <div>Transmissometer</div> <div>PAR S/N</div> </div> </div>																																																																																																																																																																																																																															
<table border="1"> <thead> <tr> <th colspan="2">Rosette Notes</th> <th colspan="2">SALT</th> <th colspan="2">Nut.BI</th> <th colspan="2">02-BLI No</th> <th colspan="2">Chlor-a</th> <th colspan="2">Chlor</th> <th colspan="2">Comments</th> <th colspan="2">No.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BM</td> <td>x31</td> <td>349</td> <td>269</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>2</td> <td>50</td> <td></td> <td>350</td> <td></td> <td></td> <td></td> <td></td> <td>283</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>3</td> <td>40</td> <td></td> <td>351</td> <td></td> <td></td> <td></td> <td></td> <td>285</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td>4</td> <td>30</td> <td></td> <td>352</td> <td></td> <td></td> <td></td> <td></td> <td>289</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> </tr> <tr> <td>5</td> <td>20</td> <td></td> <td>353</td> <td></td> <td></td> <td></td> <td></td> <td>283</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>6</td> <td>10</td> <td></td> <td>354</td> <td></td> <td></td> <td></td> <td></td> <td>279</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td> </tr> <tr> <td>7</td> <td>0</td> <td></td> <td>355</td> <td></td> <td></td> <td></td> <td></td> <td>283</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8</td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11</td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> </tbody> </table>																Rosette Notes		SALT		Nut.BI		02-BLI No		Chlor-a		Chlor		Comments		No.		1	BM	x31	349	269											1	2	50		350					283							2	3	40		351					285							3	4	30		352					289							4	5	20		353					283							5	6	10		354					279							6	7	0		355					283							7	8															8	9															9	10															10	11															11	12															12
Rosette Notes		SALT		Nut.BI		02-BLI No		Chlor-a		Chlor		Comments		No.																																																																																																																																																																																																																	
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3	40		351					285							3																																																																																																																																																																																																																
4	30		352					289							4																																																																																																																																																																																																																
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Y pr - wonky test 10m ok upcast

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.									
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				46									
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
04758	03	97	N	168	43	57	W	03	MAY	15	11	08	0.3	92	1023	71	MAN
WEATHER OBS: calm / clear SFC/Bottom Temp. 18/0°C MAX DEPTH = 64.8 m REMARKS: high floor @ 10m primary - mostly above 10m on upcast?																	
Recorder Initials:																	

  

Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Comments		Nis No.	
DEPTH	DESIRE	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml				
1	35M	350			283							1	
2	50	357			285							2	
3	40	358			289							3	
4	30	359			283							4	
5	20	360			279							5	
6	10	361			283							6	
7	0	362	2270									7	
8												8	
9												9	
10												10	
11												11	
12												12	
1												1	

Chloro re x  
O<sub>2</sub> Sample was good

Inline

[illegible]



VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1504	FOCI Spring Mooring Cruise		48

  

CONSC CAST #	LATITUDE	LONGITUDE	DEG	MIN	SEC	DAY	MO	YEAR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
049575	54.53 N	16930.08 W				03	MAY	15	1432	0.7	89	1022	100	11	70	70N23

  

SBE 9+	FLUOR S/N	WEATHER OBS:	SFC Bottom Temp.	MAX DEPTH =
PRESS SN		Light winds, mostly clear		65 m
PRI TEMP SN				
SEC TEMP SN				
PAR COND SN				
SEC COND SN				

  

REMARKS:

  

Recorder Initials:

  

Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC	Comments	Nis No.
1	BTM			370			283						1
2	60			371			285						2
3	40			372			289						3
4	30			373			283						4
5	20			374			279						5
6	10			375			283						6
7	0			376	x273								7
8													8
9													9
10													10
11													11
12													12
		Inline	33	14:33	31.9225		283	4.97	1434				

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.							
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				51							
CONC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
0525813.35 N			17004.68 W			03	MAY	18 59	0.7	90	1021	70	11A	734	APPROX 70M76
WEATHER OBS: SEA 105 SFC/Bottom Temp. MAX DEPTH = 70 m REMARKS: APPROX STATION - 10E EDGE just to SOUTH 2nd sd/02 10:54 top 5m up + bounced															
Recorder Initials: JS															

  

Nis		Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Comments		Nis		
DEPTH	DESIRE			Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	GFF Dup Vol	>10 dup vol	500 ml			No.		No.	
1	20M			435	391									1		
2	50				392		283							2		
3	40				393		285							3		
4	30				394		289							4		
5	20				395		283							5		
6	10				396		279							6		
7	0				397	308	283							7		
8														8		
9														9		
10														10		
11														11		
12														12		
1														1		

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.							
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				54							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (kts)		BOTTOM DEPTH (m)		STA. NAME/ID	
055610.71 N		16831.87 W		152157		5.4		89		1006111		1962		DL10	
SBE 9+		FLUOR S/N		DAY MO YR		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH = 1500 m					
PRESS SN		SBE43-Oxy (prime)				REMARKS:									
PRI TEMP SN		SBE43-Oxy (sec)				At ~ 1330 m 1st 2° O <sub>2</sub> got noisy									
SEC TEMP SN		Transmissometer				1° Salinity also noisy but 20 seems OK									
PRI COND SN		PAR S/N				1° T also off									
SEC COND SN		O2 Trnp Sensor No.				~ 750m everything seems to have come back together									
														NO PAR	
Recorder Initials:															
Nis	No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	Comments	Nis	No.
1	Bot				419									1	
2	1000				420									2	
3	500				421									3	
4	100				422									4	
5	75				423									5	
6	50				424									6	
7	40				425									7	
8	30				426									8	
9	20				427									9	
10	10				428									10	
11	0			37	429	376								11	
12														12	
														Inline	

[illegible]



VESSEL	CRUISE ID	PROJECT & LEG	CTD File Name:	STATION NO.	
Oscar Dyson	DY1504	FOCI Spring Mooring Cruise		57	
CONSC CAST #	LATITUDE DEG MIN DEG	LONGITUDE MIN SEC DEG	TIME (GMT) HR MIN SEC	BOTTOM DEPTH (m)	STA NAME>ID
0575	N 41° 8' 17"	E 91° 19' 06"	MAY 15 05:13	5.7	2014DL8
SBE 9+	FLUOR S/N		WEATHER OBS:	SFC/Bottom Temp.	MAX. DEPTH = /SOL3 m
PRESS SN	SBE43-Oxy (prime)		REMARKS:		
PRI TEMP SN	SBE43-Oxy (sec)				
SEC TEMP SN	Transmissometer				
PRI COND SN	PAR S/N				
SEC COND SN	O2 Tmp Sensor No.				
No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL Nut.Btl O2-Btl.No DIC/Aik	Chloro GFF Vol GFF Dup Vol >10 dup vol POC 500 ml Comments Nis No.
1	1500	* 38	441	313	X - - - - - 1
2	1000	- - - - -	442	- - - - -	X - - - - - 2
3	500	- - - - -	443	- - - - -	X - - - - - 3
4	100	- - - - -	444	- - - - -	X - - - - - 4
5	75	- - - - -	445	- - - - -	X - - - - - 5
6	50	- - - - -	446	283	- - - - - 6
7	40	- - - - -	447	285	- - - - - 7
8	30	- - - - -	448	289	- - - - - 8
9	20	- - - - -	449	283	X - - - - - 9
10	10	- - - - -	450	279	- - - - - 10
11	0	- - - - -	451	283	X - - - - - 11
12	- - - - -	- - - - -	- - - - -	- - - - -	- - - - - 12
I	- - - - -	Inline	- - - - -	- - - - -	- - - - - I

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.										
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				60										
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID	
059	54	02.19	N	169	33.53	W	06	10	15	13	03	5.0	89	1008	69	7	1800	DL6
<p>FLUOR S/N</p> <p>SBE43-Oxy (prime)</p> <p>SBE43-Oxy (sec)</p> <p>Transmissometer</p> <p>PAR S/N</p> <p>O2 Temp Sensor No.</p>																		
<p>WEATHER OBS:</p> <p>REMARKS:</p> <p>pr: sal spk. &amp; spec</p> <p>pr: sal/or was on offset on upcast</p> <p>small noise in temp. to start</p> <p>pr: noisy on upcast (temp sensor)</p> <p>less evidence to save</p> <p>1200m &gt; but still there</p> <p>NO PAR</p>																		
<p>Recorder Initials:</p>																		

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments		Nis	
DEPTH	DESIRED	SALT	Nut.Btl	O2-Btl	DIC/Alk	GFF Vol	GFF Dup Vol	>10 Large Vol	>10 dup vol	500 ml		No.	
1	1500		463	315								1	
2	1000		464									2	
3	500		465									3	
4	100		466									4	
5	75		467									5	
6	50		468									6	
7	40		469									7	
8	30		470									8	
9	20		471									9	
10	10		472									10	
11	0		473									11	
12												12	
1		Inline	40	12.53.48		283	12.55.03					1	

Sal - 32.5528 chlor - 2.01

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAAS Oscar Dyson		DY1504		Eco-FOCI Spring Mooring Cruise		63	
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)
0625331.01 N	DEG	MIN	DEG	MIN	DAY	MO	HR MIN
					16	06	21 25
SBE 9+		FLUOR S/N		SBE43-Oxy (prime)		REMARKS	
PRESS SN				SBE43-Oxy (sec)		upcast temp & salinity varied widely from downcast	
PRI TEMP SN				Transmissometer		primary primary bottom 800m	
SEC TEMP SN				PAR S/N			
PRI COND SN							
SEC COND SN							
DEPTH		Rosette Notes		Hydro Team-PHEL		UAF	
DESIRED		SALT		Nut.Bri		Nut.S	
1500 ✓		496		X321		X	
1000 ✓		497					
500 ✓		498				X	
100 ✓		499					
75 ✓		500				X	
50 ✓		501				X	
40 ✓		502				X	
30 ✓		503				X	
20 ✓		504				X	
10 ✓		505				X	
0		506					
1						Chloro-I	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAAS Oscar Dyson		DY1504		DY1504		65	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
		DEG	MIN	DEG	MIN	DAY	MO
0645322.23		N	16	84	3.59	W	07
		FLUOR S/N		TIME (GMT)		TIME (GMT)	
		SBE 9+		HR		MIN	
		PRESS S/N		DRY BULB		RELATIVE HUMIDITY	
		SBE43-Oxy (prime)		(°C)		(°C)	
		PRO TEMP S/N		SEA STATE		WIND DIR & SPD	
		SBE43-Oxy (sec)		PRESSURE		(deg)	
		SEC TEMP S/N		WIND STATE		(kts)	
		PRO COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N		WIND DIR & SPD		(kts)	
		SBE COND S/N		WIND DIR & SPD		(deg)	
		SBE COND S/N					



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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.								
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				68								
CONSC	CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	067	53	58	14	58	07	MAY	15	14:29	5.2	84	10.1	298	10	105	UTS
SBE 9+		FLUOR S/N		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH = 92.5 m		REMARKS:						
PRESS SN		SBE43-Oxy (prime)		NO PAR ON CTD SINCE JUST AFTER START		OF L-Line		Recorder Initials:								
PRI TEMP SN		SBE43-Oxy (sec)		SAME												
SEC TEMP SN		Transmissometer														
PRI COND SN		PAR S/N														
SEC COND SN		O2 Trip Sensor No.														

  

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments	
DEPTH	DESIRED	SALT	Nut.Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	No.
1	BTM	244	539	2320							1
2	75		540								2
3	50		541			283					3
4	40		542			285					4
5	30		543			287					5
6	20		544			283					6
7	10		545			299					7
8	0		540			283					8
9											9
10											10
11											11
12											12
1		Inline	245			283	14:47				1

04101-393

241-32.3450

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.				
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				69				
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN								
06854	10.42	N	167.09	35	1925	4.7	77	1012	314	12	1624	UT3
WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 1452 m REMARKS: primary O2 diff @ depth note in primary eye - note in piton vessel never exceeds secondary T												

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments		Nis
DEPTH	DESIRED	SALT	Nut.BI	O2-Btl.No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml		No.
1 1450			547									1
2 1000			548									2
3 500			549									3
4 100			550									4
5 75			551									5
6 50			552									6
7 40			553									7
8 30			554			283						8
9 20			555			285						9
10 10			556			284						10
11 0			557	1088		283						11
12												12
												1

Recorder Initials:

Inline



VESSEL NOAAS Oscar Dyson		CRUISE ID DY1504		PROJECT & LEG DY1504		STATION NO. 71	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
070542	6.88 N	167	22.92 W	08 MAY 11	TIME (GMT)		
		DEG	MIN	DEG	MIN	HR	MIN
SBE 9+		FLUOR S/N		TIME (GMT)		REMARKS	
PRESS SN		SBE43-Oxy (prime)		TIME (GMT)		REMARKS	
PRI TEMP SN		SBE43-Oxy (sec)		TIME (GMT)		REMARKS	
SEC TEMP SN		Transducer		TIME (GMT)		REMARKS	
PRI COND SN		PAR S/N		TIME (GMT)		REMARKS	
SEC COND SN				TIME (GMT)		REMARKS	

  

NO		DEPTH		SALT		Hydro Temp-PREL		Chloro-l		Comments		Sta. Name/ID	
No.	DEPTH	SALT	Hydro Temp-PREL	Chloro-l	Comments	Sta. Name/ID							
1	BTM 644		569			1							
2	500		570			2							
3	250		576			3							
4	100		572			4							
5	75		573			5							
6	50		574	283		6							
7	40		575	285		7							
8	30		576	284		8							
9	20		577	283		9							
10	10		578	279		10							
11	0		579	283		11							
12						12							

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAAS Oscar Dyson		DY1504		Eco-FOCI Spring Mooring Cruise		72	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
		DEG	MIN	DEG	MIN	DAY	MO
071		5	43	16	35	08	MAY
SBE 9+		FLUOR S/N					
PRESS SN		SBE43-01y (prime)					
PRI TEMP SN		SBE43-01y (sec)					
SEC TEMP SN		Transmissometer					
PRI COND SN		PAR S/N					
SEC COND SN							
DEPTH		SALT		Nut.BI		O2-BI No	
DESIRED		x 47		580		x 166	
1	BTM	420		580			
2	300			581			
3	200			582			
4	100			583			
5	75			584			
6	50			585		283	
7	40			586		285	
8	30			587		289	
9	20			588		283	
10	10			589		279	
11	0			590		283	
12							

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.			
NOAAS Oscar Dyson		DY1504		DY1504		73			
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	Relative Humidity	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	PER %	TYPE	(m)	
072	5427.41 N	16629.70 W	08 MAY 15	0846	4.7	84	1013	298	AE4
REMARKS									
1 mile away from station due to cargo traffic (North)									
MAX. DEPTH = 570 m									
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN									
FLUOR S/N SBE43-Oxy (prime) SBE43-Oxy (sec) Transmissometer PAR S/N									
No.	DEPTH	ROSETTE NOTES	SALT	Hydro Temp-PREL	Chloro-I	Comments		No.	
1	BTM			591				1	
2	200			592				2	
3	200			593				3	
4	100			594				4	
5	75			595				5	
6	50			596	283			6	
7	40			597	285			7	
8	30			598	289			8	
9	20			599	283			9	
10	10			600	279			10	
11	0			601	283			11	
12								12	

chlo-1 only max



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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.									
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				75									
CONSC CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
0745	54	13.90	N	16	08	MAY	15	13	15	3.8	85	1014	28.7	12	630	NEZ	
WEATHER OBS: <u>cloudy</u> SFC/Bottom Temp. <u>MAX. DEPTH = 620 m</u> REMARKS:																	
SBE 9+ _____ PRESS SN _____ PRI TEMP SN _____ SEC TEMP SN _____ PRI COND SN _____ SEC COND SN _____ FLUOR S/N _____ SBE43-Oxy (prime) _____ SBE43-Oxy (sec) _____ Transmissometer _____ PAR S/N _____ O2 Temp Sensor No. _____																	
<h1>No PAR</h1>																	
Recorder Initials:																	

  

Nis No	DEPTH DESIRED	Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Comments	Nis No
				Nut.Btl	O2-Btl No	DIC/Alk	GFF Vol	GFF Dup Vol	>10 dup vol	>10 Large Vol	500 ml		
1	10m												1
2	300												2
3	200												3
4	100												4
5	75												5
6	60												6
7	40												7
8	30												8
9	20												9
10	10												10
11	0												11
12													12
1		Inline	x49	13.02	283	13.03							1

Sal - 32.1440  
 Chlor - 2.04

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.																			
Oscar Dyson		DY1504		DY1504		FOCI Spring Mooring Cruise		79																			
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID													
		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)															
07854		12.35 N		106.42 W		08 MAY 15 2000		4.4		308		1367		AW3													
SBE 9+		FLUOR S/N		SBE43-Oxy (prime)		WEATHER OBS: SUNNY		SFC/Bottom Temp.		MAX. DEPTH = 1362 m																	
PRESS SN		SBE43-Oxy (sec)		Transmissometer		REMARKS:																					
PRI TEMP SN		PAR S/N		O2 Temp Sensor No.																							
SEC TEMP SN																											
PRI COND SN																											
SEC COND SN																											
Recorder Initials: NO PAR														Nis		Comments											
														No.													
1		362		651		652		653		654		655		656		657		658		659		660		661		662	
2		1000		652		653		654		655		656		657		658		659		660		661		662		663	
3		500		653		654		655		656		657		658		659		660		661		662		663		664	
4		100		654		655		656		657		658		659		660		661		662		663		664		665	
5		76		655		656		657		658		659		660		661		662		663		664		665		666	
6		50		656		657		658		659		660		661		662		663		664		665		666		667	
7		40		657		658		659		660		661		662		663		664		665		666		667		668	
8		20		658		659		660		661		662		663		664		665		666		667		668		669	
9		20		659		660		661		662		663		664		665		666		667		668		669		670	
10		10		660		661		662		663		664		665		666		667		668		669		670		671	
11		0		661		662		663		664		665		666		667		668		669		670		671		672	
12				662		663		664		665		666		667		668		669		670		671		672		673	
1				663		664		665		666		667		668		669		670		671		672		673		674	

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.											
Oscar Dyson		DY1504		FOCI Spring Mooring Cruise				86											
CONSC CAST #	DEG	MIN	LATITUDE		DEG	MIN	LONGITUDE		TIME (GMT)	HR	MIN	DRY BULB	RH	Pressure	WIND DIRN	WIND SPD	BOTTOM DEPTH	STA. NAME/ID	
08554	18	70	N	165	52	05	W	09	MAY	15	12	39	4	9	77	10	18	111	U8W0
SBE 9+	FLUOR S/N		WEATHER OBS:		SFC/Bottom Temp.		MAX DEPTH = 105 m												
PRESS SN	SBE43-Oxy (prme)		REMARKS:																
PRI TEMP SN	SBE43-Oxy (sno)																		
SEC TEMP SN	Transmissometer																		
PRI COND SN	PAR S/N																		
SEC COND SN	O2 Temp Sensor No.																		
<p>UNDERWAY DONE DURING MULTINET CSD.</p> <p>Recorder Initials:</p>																			

  

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Comments		Nis No.
DEPTH	DESIRED	SALT	Nut.Btl	IO2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml		
1	8m		728									1
2	75		729									2
3	80		730			283						3
4	46		731			285						4
5	30		732			289						5
6	20		733			288						6
7	10		734			279						7
8	0		735			283						8
9												9
10												10
11												11
12												12
1		Inline	756	13.17.34		283	13.16.21					1

Sal - 32.1474

chl or - 2.32